

## INTERNATIONAL SEARCH REPORT

Int'l. Appl. No.  
PCT/GB 99/00469

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 H01Q11/08 H01Q5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 11507 A (QUALCOMM INC) 27 March 1997	1-5, 14, 16, 17, 22, 23
A	see page 2, line 19 - page 4, line 7	6-21
X	US 5 606 332 A (DARDEN IV WILLIAM H ET AL) 25 February 1997	1, 3, 14-18, 23
A	see column 1, line 39 - column 2, line 56 see column 3, line 41 - line 56	2-22
X	US 5 600 341 A (KURBY CHRISTOPHER N ET AL) 4 February 1997	1, 3, 14-18, 23
A	see column 1, line 39 - column 3, line 14	2-22
A	EP 0 767 508 A (NOKIA MOBILE PHONES LTD) 9 April 1997 see column 3, line 43 - column 5, line 5	1-23

Further documents are listed in the continuation at box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
26 May 1999	02/06/1999
Name and mailing address of the ISA European Patent Office, P. B. 5818 Palmeilaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Wattiaux, V

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB 99/00469

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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		AU 7368396 A		09-04-1997
		BR 9606654 A		30-09-1997
		CN 1165588 A		19-11-1997
		EP 0793864 A		10-09-1997
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		JP 10509577 T		14-09-1998
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		CN 1147160 A		09-04-1997
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		JP 9130288 A		16-05-1997